Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

EMB

"SECOND AND PART BILL"

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

PRE-MEASUREMENT SHEETS

"SECOND AND PART BILL"

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants.

(PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 6-02-2023, 7-03-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Volume 1, Loading & Unloading Rs-118						
	2nd Part Bill						
	For RCC Drain						
	A sector						
	7th A Main Rd						
	RHS From Ro Plant						
	Ch:0.00m to 25.00m	1	25.00	1.10	1.10	30.25	
	Continue						
	Ch:0.00m to 55.00m	1	30.00	1.10	1.10	36.30	
	Ch:55.00m to 85.00m	1	30.00	1.10	1.10	36.30	
	Ch:85.00m to 115.00m	1	30.00	1.10	1.10	36.30	
	Ch:115.00m to 145.00m	1	30.00	1.10	1.10	36.30	
	Ch:145.00m to 175.00m	1	30.00	1.10	1.10	36.30	
	Ch:175.00m to 205.00m	1	30.00	1.10	1.10	36.30	
	Ch:205.00m to 235.00m	1	30.00	1.10	1.10	36.30	
	Ch:235.00m to 265.00m	1	30.00	1.10	1.10	36.30	
	Ch:265.00m to 295.00m	1	30.00	1.10	1.10	36.30	
	Ch:295.00m to 317.00m	1	22.00	1.10	1.10	26.62	
	For RCC Drain						
	Ward No-02						
	Tata Ramesh House Rd						
	RHS						
	Ch:0.00m to 7.10m	1	7.10	1.10	1.10	8.59	
	Continue						
	Ch:7.10m to 32.10m	1	25.00	1.10	1.10	30.25	
	Ch:32.10m to 37.20m Gap	1	5.10				
	Ch:32.10m to 62.70m	1	25.50	1.10	1.10	30.86	
	For Kerb Stone						
	A-sector						
	7th A Main Rd						
	RHS From Ro Plant						
	Ch:0.00m to 25.00m	1	25.00	0.20	0.20	1.00	

For M/s. NANDI CONSULTANTS

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Continue						
	Ch:0.00m to 55.00m	1	30.00	0.20	0.20	1.20	
	Ch:55.00m to 85.00m	1	30.00	0.20	0.20	1.20	
	Ch:85.00m to 115.00m	1	30.00	0.20	0.20	1.20	
	Ch:115.00m to 145.00m	1	30.00	0.20	0.20	1.20	
	Ch:145.00m to 175.00m	1	30.00	0.20	0.20	1.20	
	Ch:175.00m to 205.00m	1	30.00	0.20	0.20	1.20	
	Ch:205.00m to 235.00m	1	30.00	0.20	0.20	1.20	
	Ch:235.00m to 265.00m	1	30.00	0.20	0.20	1.20	
	Ch:265.00m to 295.00m	1	30.00	0.20	0.20	1.20	
	Ch:295.00m to 317.00m	1	22.00	0.20	0.20	0.88	
	Govt School Ananthapura						
	Gate Entrance LHS	1	7.80	0.20	0.20	0.31	
	Gate Entrance RHS	1	14.20	0.20	0.20	0.57	
	Back Side	1	13.80	0.20	0.20	0.55	
	Left Side	1	10.50	0.20	0.20	0.42	
	Right Side	1	3.40	0.20	0.20	0.14	
	Near Benches	1	4.50	0.20	0.20	0.18	
		1	8.70	0.20	0.20	0.35	
	Tank Surrounding	2	2.80	0.20	0.20	0.22	
		2	2.30	0.20	0.20	0.18	
	Tiles Platform						
	Left Side	1	8.10	0.20	0.20	0.32	
	Front Side	1	15.60	0.20	0.20	0.62	
	Back Side	1	8.40	0.20	0.20	0.34	
	Ward No-02						
	Apartment left Side 2nd Cross Rd						
	Front Side	1	3.30	0.20	0.20	0.13	
	Near Transformer	1	9.10	0.20	0.20	0.36	
	Apartment Near 6th Main Rd	2	2.10	0.20	0.20	0.17	
		2	2.60	0.20	0.20	0.21	
					Present Qty	**471.03**	**Cum**
					Qty Paid In 1st Part Bill	**5175.68**	**Cum**
					Total Qty	**5646.71**	**Cum**
					Qty Deduct In 1st Part Bill	**5175.68**	**Cum**
					Qty Payable In 2nd Part Bill	**471.03**	**Cum**

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSULTANTS

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 10-02-2023, 16-03-2023

Item No	Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates								
	2nd Part Bill								
	For RCC Drain								
	A-sector								
	7th A Main Rd								
	RHS From Ro Plant								
	Ch:0.00m to 25.00m	1	25.00			1.10	0.15	4.13	
	Continue								
	Ch:0.00m to 55.00m	1	30.00			1.10	0.15	4.95	
	Ch:55.00m to 85.00m	1	30.00			1.10	0.15	4.95	
	Ch:85.00m to 115.00m	1	30.00			1.10	0.15	4.95	
	Ch:115.00m to 145.00m	1	30.00			1.10	0.15	4.95	
	Ch:145.00m to 175.00m	1	30.00			1.10	0.15	4.95	
	Ch:175.00m to 205.00m	1	30.00			1.10	0.15	4.95	
	Ch:205.00m to 235.00m	1	30.00			1.10	0.15	4.95	
	Ch:235.00m to 265.00m	1	30.00			1.10	0.15	4.95	
	Ch:265.00m to 295.00m	1	30.00			1.10	0.15	4.95	
	Ch:295.00m to 317.00m	1	22.00			1.10	0.15	3.63	
	For RCC Drain								
	Ward No-02								
	Tata Ramesh House Rd								
	RHS								
	Ch:0.00m to 7.10m	1	7.10			1.10	0.15	1.17	
	Continue								
	Ch:7.10m to 32.10m	1	25.00			1.10	0.15	4.13	
	Ch:32.10m to 37.20m Gap	1	5.10						
	Ch:32.10m to 62.70m	1	25.50			1.10	0.15	4.21	
	For Pathway								
	Govt School Ananthapura								
	Gate Entrance	1	7.55	4.35	1.30	2.83	0.15	4.93	
	Part A	1	10.00	7.40	6.85	7.13	0.15	11.10	

For M/s. NANDI CONSULTANT

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore.
Asst. Exec. Engineer

Item No	Discription of Item	No	Length	B1	B2	A Breadth	Depth	Qty	Unit
	Ch:55.00m to 85.00m	1	30.00			0.20	0.10	0.60	
	Ch:85.00m to 115.00m	1	30.00			0.20	0.10	0.60	
	Ch:115.00m to 145.00m	1	30.00			0.20	0.10	0.60	
	Ch:145.00m to 175.00m	1	30.00			0.20	0.10	0.60	
	Ch:175.00m to 205.00m	1	30.00			0.20	0.10	0.60	
	Ch:205.00m to 235.00m	1	30.00			0.20	0.10	0.60	
	Ch:235.00m to 265.00m	1	30.00			0.20	0.10	0.60	
	Ch:265.00m to 295.00m	1	30.00			0.20	0.10	0.60	
	Ch:295.00m to 317.00m	1	22.00			0.20	0.10	0.44	
	Govt School Ananthapura								
	Gate Entrance LHS	1	7.80			0.20	0.10	0.16	
	Gate Entrance RHS	1	14.20			0.20	0.10	0.28	
	Back Side	1	13.80			0.20	0.10	0.28	
	Left Side	1	10.50			0.20	0.10	0.21	
	Right Side	1	3.40			0.20	0.10	0.07	
	Near Benches	1	4.50			0.20	0.10	0.09	
		1	8.70			0.20	0.10	0.17	
	Tank Surrounding	2	2.80			0.20	0.10	0.11	
		2	2.30			0.20	0.10	0.09	
	Tiles Platform								
	Left Side	1	8.10			0.20	0.10	0.16	
	Front Side	1	15.60			0.20	0.10	0.31	
	Back Side	1	8.40			0.20	0.10	0.17	
	Ward No-02								
	Apartment left Side 2nd Cross Rd								
	Front Side	1	3.30			0.20	0.10	0.07	
	Near Transformer	1	9.10			0.20	0.10	0.18	
	Apartment Near 6th Main Rd	2	2.10			0.20	0.10	0.08	
		2	2.60			0.20	0.10	0.10	
							Present Qty	**349.93**	**Cum**
							Qty Paid In 1st Part Bill	**801.77**	**Cum**
							Total Qty	**1151.70**	**Cum**
							Qty Deduct In 1st Part Bill	**801.77**	**Cum**
							Qty Payable In 2nd Part Bill	**349.93**	**Cum**

For M/s. NANDI CONSTRUCTION

Partners

Contractor

CONSULTANT ★ Bangalore ★ NEWZEN

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 17-02-2023

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
9	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200							
	Asector							
	RCC Drain							
	7th A Main Rd							
	RHS From Ro Plant							
	Total Drain Length=317.00m							
	Main Bar 10mm dia @125mm c/c							
	d=0.61kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=2641		2536	2.10		0.61	3248.62	
	No of distrubution Bars=14		14	317.00		0.61	2707.18	
	Ward No-02							
	RCC Drain							
	Tata Ramesh House Rd							
	RHS							
	Total Drain Length=57.60m							
	Main Bar 10mm dia @120mm c/c							
	d=0.61kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=480		480	2.15		0.61	629.52	
	No of distrubution Bars=14		14	57.60		0.61	491.90	
							7077.22	
						Present Qty	**7.08**	**Tn**
						Qty Paid In 1st Part Bill	**80.80**	**Tn**
						Total Qty	**87.88**	**Tn**
						Qty Deduct In 1st Part Bill	**80.80**	**Tn**
						Qty Payable In 2nd Part Bill	**7.08**	**Tn**

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT Bangalore

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants.

Detailed Measurements

Measurement Recorded On: 22-02-2023, 27-02-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
12	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm						
	For RCC Drain Raft						
	A sector						
	7th A Main Rd						
	RHS From Ro Plant						
	Ch:0.00m to 25.00m	1	25.00	0.90	0.15	3.38	
	Continue						
	Ch:0.00m to 55.00m	1	30.00	0.90	0.15	4.05	
	Ch:55.00m to 85.00m	1	30.00	0.90	0.15	4.05	
	Ch:85.00m to 115.00m	1	30.00	0.90	0.15	4.05	
	Ch:115.00m to 145.00m	1	30.00	0.90	0.15	4.05	
	Ch:145.00m to 175.00m	1	30.00	0.90	0.15	4.05	
	Ch:175.00m to 205.00m	1	30.00	0.90	0.15	4.05	
	Ch:205.00m to 235.00m	1	30.00	0.90	0.15	4.05	
	Ch:235.00m to 265.00m	1	30.00	0.90	0.15	4.05	
	Ch:265.00m to 295.00m	1	30.00	0.90	0.15	4.05	
	Ch:295.00m to 317.00m	1	22.00	0.90	0.15	2.97	
	Ward No-02						
	Tata Ramesh House Rd						
	RHS						
	Ch:0.00m to 7.10m	1	7.10	0.90	0.15	0.96	
	Continue						
	Ch:7.10m to 32.10m	1	25.00	0.90	0.15	3.38	
	Ch:32.10m to 37.20m Gap	1	5.10				
	Ch:32.10m to 62.70m	1	25.50	0.90	0.15	3.44	
	For RCC Drain Wall						
	A sector						
	7th A Main Rd						
	RHS From Ro Plant						
	Ch:0.00m to 25.00m	2	25.00	0.15	0.60	4.50	
	Continue						

For M/s. NANI

Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	Ch:0.00m to 55.00m	2	30.00	0.15	0.60	5.40	
	Ch:55.00m to 85.00m	2	30.00	0.15	0.60	5.40	
	Ch:85.00m to 115.00m	2	30.00	0.15	0.60	5.40	
	Ch:115.00m to 145.00m	2	30.00	0.15	0.60	5.40	
	Ch:145.00m to 175.00m	2	30.00	0.15	0.60	5.40	
	Ch:175.00m to 205.00m	2	30.00	0.15	0.60	5.40	
	Ch:205.00m to 235.00m	2	30.00	0.15	0.60	5.40	
	Ch:235.00m to 265.00m	2	30.00	0.15	0.60	5.40	
	Ch:265.00m to 295.00m	2	30.00	0.15	0.60	5.40	
	Ch:295.00m to 317.00m	2	22.00	0.15	0.60	3.96	
	Ward No-02						
	Tata Ramesh House Rd						
	RHS						
	Ch:0.00m to 7.10m	2	7.10	0.15	0.60	1.28	
	Continue						
	Ch:7.10m to 32.10m	2	25.00	0.15	0.60	4.50	
	Ch:32.10m to 37.20m Gap	1	5.10				
	Ch:32.10m to 62.70m	2	25.50	0.15	0.60	4.59	
						118.00	
	Ward No-02						
	5th Phase						
	Side Concrete						
	4th Cross Rd						
	LHS From Cargil Factory Rd						
	CH:0.00m to 10.40m	1	10.40	0.44	0.10	0.46	
	CH:10.40m to 40.40m	1	30.00	0.45	0.10	1.35	
	CH:40.40m to 70.40m	1	30.00	0.48	0.10	1.44	
	CH:70.40m to 95.80m	1	25.40	0.45	0.10	1.14	
	CH:95.80m to 104.30m Culvert Gap	1	8.50				
	CH:104.30m to 134.30m	1	30.00	0.42	0.10	1.26	
	CH:134.30m to 160.20m	1	25.90	0.42	0.10	1.09	
						6.74	
					Present Qty	**124.74**	**Cum**
					Qty Paid In 1st Part Bill	**1374.41**	**Cum**
					Total Qty	**1499.15**	**Cum**
					Qty Deduct In 1st Part Bill	**1374.41**	**Cum**
					Qty Payable In 2nd Part Bill	**124.74**	**Cum**

For M/s. NANDI CONSTRUCTION

Partners

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants.

Detailed Measurements

Measurement Recorded On: 9-03-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
20	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.						
	2nd Part Bill						
	Ward No-02						
	CC Road						
	Kondappa Layout						
	28th Cross From Main Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.50 + 7.20)/2	0.45	49.61	
	Ch:30.00m to 30.00m	1	15.00	(7.20 + 7.30)/2	0.45	48.94	
	Ch:30.00m to 45.00m	1	15.00	(7.30 + 7.90)/2	0.45	51.30	
	Ch:45.00m to 46.80m	1	1.80	(7.15 + 7.80)/2	0.45	6.05	
	Deduct	-2	0.50	(0.50 + 0.50)/2	0.45	-0.23	
	Maramma Layout						
	Korumuru Bidi Rd From Main Rd						
	Ch:0.00m to 6.60m	1	6.60	(4.90 + 4.60)/2	0.45	14.11	
	Ch:6.60m to 21.60m	1	15.00	(4.60 + 4.55)/2	0.45	30.88	
	Ch:21.60m to 36 60m	1	15.00	(4.55 + 4.75)/2	0.45	31.39	
	Ch:36.60m to 51.60m	1	15.00	(4.75 + 4.65)/2	0.45	31.73	
	Ch:51.60m to 57.60m	1	6.00	(4.65 + 5.15)/2	0.45	13.23	
	Ch:57.60m to 67.60m	1	10.00	(5.15 + 5.65)/2	0.45	24.30	
	Ch:67.60m to 73.60m	1	6.00	(5.65 + 4.60)/2	0.45	13.84	

For M/s. NANDI CONSTRUCTIO

Part

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	4th Cross Rd From Cargil Factory Rd						
	Ch:0.00m to 5.90m	1	5.90	$\frac{0.80 + 1.00}{2}$	0.45	2.39	
	Ch:5.90m to 35.90m	1	30.00	$\frac{0.80 + 1.10}{2}$	0.45	12.83	
	Ch:35.90m to 65.90m	1	30.00	$\frac{1.10 + 1.50}{2}$	0.45	17.55	
	Ch:65.90m to 95.90m	1	30.00	$\frac{1.50 + 1.00}{2}$	0.45	16.88	
	Ch:95.90m to 125.90m	1	30.00	$\frac{1.00 + 1.00}{2}$	0.45	13.50	
	Ch:125.90m to 155.90m	1	30.00	$\frac{1.00 + 0.80}{2}$	0.45	12.15	
	Ch:155.90m to 157.20m	1	1.30	$\frac{0.80 + 1.20}{2}$	0.45	0.59	
				Present Qty		1671.48	Cum
				Qty Paid In 1st Part Bill		4565.81	Cum
				Total Qty		6237.29	Cum
				Qty Deduct In 1st Part Bill		4565.81	Cum
				Qty Payable In 2nd Part Bill		1671.48	Cum

C&E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

NEWZEN CONSULTANTS Bangalore

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer,

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 14-03-2023, 16-03-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
21	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (v) For Grading -V Material						
	2nd Part Bill						
	Ward No-02						
	CC Road						
	Kondappa Layout						
	28th Cross From Main Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.50 + 7.20)/2	0.15	16.54	
	Ch:30.00m to 30.00m	1	15.00	(7.20 + 7.30)/2	0.15	16.31	
	Ch:30.00m to 45.00m	1	15.00	(7.30 + 7.90)/2	0.15	17.10	
	Ch:45.00m to 46.80m	1	1.80	(7.15 + 7.80)/2	0.15	2.02	
	Deduct	-2	0.50	(0.50 + 0.50)/2	0.15	-0.08	
	Maramma Layout						
	Korumuru Bidi Rd From Main Rd						
	Ch:0.00m to 6.60m	1	6.60	(4.90 + 4.60)/2	0.15	4.70	CFC
	Ch:6.60m to 21.60m	1	15.00	(4.60 + 4.55)/2	0.15	10.29	
	Ch:21.60m to 36.60m	1	15.00	(4.55 + 4.75)/2	0.15	10.46	
	Ch:36.60m to 51.60m	1	15.00	(4.75 + 4.65)/2	0.15	10.58	
	Ch:51.60m to 57.60m	1	6.00	(4.65 + 5.15)/2	0.15	4.41	
	Ch:57.60m to 67.60m	1	10.00	(5.15 + 5.65)/2	0.15	8.10	
	Ch:67.60m to 73 60m	1	6.00	(5.65 + 4.60)/2	0.15	4.61	
	Ch:73.60m to 78.60m	1	5.00	(4.60 + 4.15)/2	0.15	3.28	

For M/s. NANDI CONSTRUCTIONS

Contractor

For M/s. NENNZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zo)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	~~Ch:0.00m to 5.90m~~	~~1~~	~~5.90~~	2	~~0.15~~	~~0.80~~	
	Ch:5.90m to 35.90m	1	30.00	0.80 + 1.10 / 2	0.15	4.28	
	Ch:35.90m to 65.90m	1	30.00	1.10 + 1.50 / 2	0.15	5.85	
	Ch:65.90m to 95.90m	1	30.00	1.50 + 1.00 / 2	0.15	5.63	
	Ch:95.90m to 125.90m	1	30.00	1.00 + 1.00 / 2	0.15	4.50	
	Ch:125.90m to 155.90m	1	30.00	1.00 + 0.80 / 2	0.15	4.05	
	Ch:155.90m to 157.20m	1	1.30	0.80 + 1.20 / 2	0.15	0.20	
					Present Qty	563.77	Cum
					Qty Paid In 1st Part Bill	1332.38	Cum
					Total Qty	1896.15	Cum
					Qty Deduct In 1st Part Bill	1332.38	Cum
					Qty Payable In 2nd Part Bill	563.77	Cum

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants.

Detailed Measurements

Measurement Recorded On: 18-03-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
22	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.						
	2nd Part Bill						
	Asphalt Road						
	For Cut Portion						
	LHS						
	5th Phase Rd						
	2nd Cross Rd From Shiva Mandhir Rd'						
	Ch:0.00m to 30.00m	1	30.00	(1.00 + 0.90)/2	0.20	5.70	
	Ch:30.00m to 60.00m	1	30.00	(0.90 + 1.30)/2	0.20	6.60	
	Ch:60.00m to 68.65m	1	8.65	(1.30 + 0.80)/2	0.20	1.82	
	Road Gap[Cargil Factory]						
	2nd Cross Continue						
	Ch:0.00m to 30.00m	1	30.00	(0.80 + 1.40)/2	0.20	6.60	
	Ch:30.00m to 60.00m	1	30.00	(1.40 + 1.30)/2	0.20	8.10	
	Ch:60.00m to 71.80m	1	11.80	(1.30 + 1.40)/2	0.20	3.19	
	Ch:71.80m to 77.60m	1	5.80	(0.90 + 1.80)/2	0.20	1.57	
	Ch:77.60m to 101.80m	1	24.20	(0.90 + 1.30)/2	0.20	5.32	
	Ch:77.60m to 116.20m	1	14.40	(1.20 + 1.90)/2	0.20	4.46	
	Ch:116.20m to 122.20m	1	6.00	(1.10 + 2.00)/2	0.20	1.86	
	Ch:122.20m to 142.20m	1	20.00	(1.30 + 1.70)/2	0.20	6.00	
	Ch:142.20m to 162.20m	1	20.00	(1.70 + 1.80)/2	0.20	7.00	

C&R

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT ★ Bangalore ★

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:35.90m to 65.90m	1	30.00	(1.10 + 1.50)/2	0.20	7.80	
	Ch:65.90m to 95.90m	1	30.00	(1.50 + 1.00)/2	0.20	7.50	
	Ch:95.90m to 125.90m	1	30.00	(1.00 + 1.00)/2	0.20	6.00	
	Ch:125.90m to 155.90m	1	30.00	(1.00 + 0.80)/2	0.20	5.40	
	Ch.155.90m to 157.20m	1	1.30	(0.80 + 1.20)/2	0.20	0.26	
				Present Qty		317.25	Cum
				Qty Paid In 1st Part Bill		723.11	Cum
				Total Qty		1040.36	Cum
				Qty Deduct In 1st Part Bill		723.11	Cum
				Qty Payable In 2nd Part Bill		317.25	Cum

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

NEWZEN CONSULTANT ★ Bangalore ★

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer,

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants.

Detailed Measurements

Measurement Recorded On: 20-03-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
23	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. Volume-3						
	2nd Part Bill						
	Asphalt Road						
	For Cut Portion						
	LHS						
	5th Phase Rd						
	2nd Cross Rd From Shiva Mandhir Rd'						
	Ch:0.00m to 30.00m	1	30.00	(1.00 + 0.90)/2		28.50	
	Ch:30.00m to 60.00m	1	30.00	(0.90 + 1.30)/2		33.00	
	Ch:60.00m to 68.65m	1	8.65	(1.30 + 0.80)/2		9.08	
	Road Gap[Cargil Factory]						
	2nd Cross Continue						
	Ch:0.00m to 30.00m	1	30.00	(0.80 + 1.40)/2		33.00	
	Ch:30.00m to 60.00m	1	30.00	(1.40 + 1.30)/2		40.50	
	Ch:60.00m to 71.80m	1	11.80	(1.30 + 1.40)/2		15.93	
	Ch:71.80m to 77.60m	1	5.80	(0.90 + 1.80)/2		7.83	
	Ch:77.60m to 101.80m	1	24.20	(0.90 + 1.30)/2		26.62	
	Ch:77.60m to 116.20m	1	14.40	(1.20 + 1.90)/2		22.32	
	Ch:116.20m to 122.20m	1	6.00	(1.10 + 2.00)/2		9.30	
	Ch:122.20m to 142.20m	1	20.00	(1.30 + 1.70)/2		30.00	
	Ch:142.20m to 162.20m	1	20.00	(1.70 + 1.80)/2		35.00	
	Ch:162.20m to 173.00m	1	10.80	(1.80 + 1.70)/2		18.90	

C & BC

For M/s. NANDI CONSTRUCTION

Partner

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:65.90m to 95.90m	1	30.00	(1.50 + 1.00) / 2		37.50	
	Ch:95.90m to 125.90m	1	30.00	(1.00 + 1.00) / 2		30.00	
	Ch:125.90m to 155.90m	1	30.00	(1.00 + 0.80) / 2		27.00	
	Ch:155.90m to 157.20m	1	1.30	(0.80 + 1.20) / 2		1.30	
					Present Qty	**1586.25**	**Sqm**
					Qty Paid In 1st Part Bill	**3846.97**	**Sqm**
					Total Qty	**5433.22**	**Sqm**
					Qty Deduct In 1st Part Bill	**3846.97**	**Sqm**
					Qty Payable In 2nd Part Bill	**1586.25**	**Sqm**

A.E.E.

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer,

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants.

(PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 24-03-2023, 27-03-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
24	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per						
	2nd Part Bill						
	Asphalt Road						
	For Cut Portion						
	LHS						
	5th Phase Rd						
	2nd Cross Rd From Shiva Mandhir Rd'						
	Ch:0.00m to 30.00m	1	30.00	(1.00 + 0.90)/2	0.05	1.43	
	Ch:30.00m to 60.00m	1	30.00	(0.90 + 1.00)/2	0.05	1.43	
	Ch:60.00m to 68.65m	1	8.65	(1.00 + 0.80)/2	0.05	0.39	
	Road Gap[Cargil Factory]						
	2nd Cross Continue						
	Ch:0.00m to 30.00m	1	30.00	(0.80 + 1.00)/2	0.05	1.35	
	Ch:30.00m to 60.00m	1	30.00	(1.00 + 0.90)/2	0.05	1.43	
	Ch:60.00m to 71.80m	1	11.80	(0.90 + 0.70)/2	0.05	0.47	
	Ch:71.80m to 77.60m	1	5.80	(8.50 + 0.60)/2	0.05	1.32	
	Ch:77.60m to 101.80m	1	24.20	(8.05 + 0.80)/2	0.05	5.35	
	Ch:77.60m to 116.20m	1	14.40	(9.25 + 1.00)/2	0.05	3.69	
	Ch:116.20m to 122.20m	1	6.00	(8.70 + 0.90)/2	0.05	1.44	
	Ch:122.20m to 142.20m	1	20.00	(6.70 + 0.80)/2	0.05	3.75	

For M/s. NANDI CONSTRUCTI...

Partner

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

A.E.E.

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	6th Main Rd From 2nd Cross Rd						
	Ch:0.00m to 30.00m	1	30.00	(2.00 + 2.10) / 2	0.05	3.08	
	Ch:30.00m to 60.00m	1	30.00	(2.10 + 1.50) / 2	0.05	2.70	
	Ch:60.00m to 90.00m	1	30.00	(1.50 + 2.00) / 2	0.05	2.63	
	Ch:90.00m to 120.00m	1	30.00	(1.00 + 1.40) / 2	0.05	1.80	
	Ch:120.00m to 150.00m	1	30.00	(1.00 + 1.00) / 2	0.05	1.50	
	Ch:150.00m to 173.50m	1	23.50	(0.90 + 0.70) / 2	0.05	0.94	
	Ch:173.50m to 188.70m	1	15.20	(0.80 + 0.90) / 2	0.05	0.65	
	4th Cross Rd From Cargil Factory Rd						
	Ch:0.00m to 5.90m	1	5.90	(2.00 + 1.50) / 2	0.05	0.52	
	Ch:5.90m to 35.90m	1	30.00	(1.50 + 1.40) / 2	0.05	2.18	
	Ch:35.90m to 65.90m	1	30.00	(1.40 + 2.00) / 2	0.05	2.55	
	Ch:65.90m to 95.90m	1	30.00	(2.00 + 2.00) / 2	0.05	3.00	
	Ch:95.90m to 125.90m	1	30.00	(2.00 + 1.60) / 2	0.05	2.70	
	Ch:125.90m to 155.90m	1	30.00	(1.60 + 1.50) / 2	0.05	2.33	
	Ch:155.90m to 157.20m	1	1.30	(1.50 + 1.50) / 2	0.05	0.10	
				Present Qty		**137.34**	**Cum**
				Qty Paid In 1st Part Bill		**356.79**	**Cum**
				Total Qty		**494.13**	**Cum**
				Qty Deduct In 1st Part Bill		**356.79**	**Cum**
				Qty Payable In 2nd Part Bill		**137.34**	**Cum**
				Upto 125 %		**93.83**	**Cum**
				Above 125 %		**43.51**	**Cum**

For M/s. NANDI CONS...

Partners

Contractor

NEWZEN CONSULTANTS Bangalore

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 28-03-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
25	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom Volume-3						
	2nd Part Bill						
	5th Phase Rd						
	2nd Cross Rd From Shiva Mandhir Rd'						
	Ch:0.00m to 30.00m	1	30.00	(8.20 + 8.30)/2		247.50	
	Ch:30.00m to 60.00m	1	30.00	(8.30 + 8.40)/2		250.50	
	Ch:60.00m to 68.65m	1	8.65	(8.40 + 8.45)/2		72.88	
	Deduct Tree Guards	-1	1.70	(1.10 + 1.10)/2		-1.87	
	Deduct Tree Guards	-1	1.40	(1.50 + 1.50)/2		-2.10	
	Road Gap|Cargil Factory |						
	2nd Cross Continue						
	Ch:0.00m to 30.00m	1	30.00	(9.65 + 8.85)/2		277.50	
	Ch:30.00m to 60.00m	1	30.00	(8.85 + 8.85)/2		265.50	
	Ch:60.00m to 71.80m	1	11.80	(8.85 + 9.15)/2		106.20	
	Ch:71.80m to 77.60m	1	5.80	(8.50 + 8.50)/2		49.30	
	Ch:77.60m to 101.80m	1	24.20	(8.05 + 8.30)/2		197.84	
	Ch:77.60m to 116.20m	1	14.40	(9.25 + 10.10)/2		139.32	
	Ch:116.20m to 122.20m	1	6.00	(8.70 + 7.40)/2		48.30	
	Ch:122.20m to 142.20m	1	20.00	(6.70 + 7.90)/2		146.00	
	Ch:142.20m to 162.20m	1	20.00	(7.90 + 6.80)/2		147.00	

C&Fe Ranaraje A.E.E.

For M/s. NANDI CITIZEN CONSULTANT Bangalore

Contractor Partner/Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:5.90m to 35.90m	1	30.00	(6.20 + 5.95) / 2		182.25	
	Ch:35.90m to 65.90m	1	30.00	(5.95 + 5.90) / 2		177.75	
	Ch:65.90m to 95.90m	1	30.00	(5.90 + 6.55) / 2		186.75	
	Ch:95.90m to 125.90m	1	30.00	(6.55 + 6.25) / 2		192.00	
	Ch:125.90m to 155.90m	1	30.00	(6.25 + 6.10) / 2		185.25	
	Ch:155.90m to 157.20m	1	1.30	(6.10 + 6.10) / 2		7.93	
	Deduct Ramp Sampige Apart gate	-1	7.30	(0.60 + 0.60) / 2		-4.38	
	Deduct Transformer	-1	7.60	(1.10 + 1.10) / 2		-8.36	
	Deduct Tree Ramp	-1	2.60	(0.70 + 0.70) / 2		-1.82	
					Present Qty	**4624.50**	**Sqm**
					Reserved Qty	**3889.90**	**Sqm**
					Total Qty	**8514.39**	**Sqm**
					Qty Paid In 1st Part Bill	**8639.07**	**Sqm**
					Total Qty	**17153.46**	**Sqm**
					Qty Deduct In 1st Part Bill	**8639.07**	**Sqm**
					Qty Payable In 2nd Part Bill	**8514.39**	**Sqm**
					Upto 125 %	**2159.77**	**Sqm**
					Above 125 %	**6354.63**	**Sqm**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

NEWZEN CONSULTANTS ★ Bangalore ★ Consultant

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants.

(PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 31-01-2023, 6-02-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
28	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates						
	2nd Part Bill						
	CC Road						
	Kondappa Layout						
	28th Cross From Main Rd						
	Ch:0.00m to 15.00m	1	15.00	(7.50 + 7.20)/2	0.15	16.54	
	Ch:30.00m to 30.00m	1	15.00	(7.20 + 7.30)/2	0.15	16.31	
	Ch:30.00m to 45.00m	1	15.00	(7.30 + 7.90)/2	0.15	17.10	
	Ch:45.00m to 46.80m	1	1.80	(7.15 + 7.80)/2	0.15	2.02	
	Deduct	-2	0.50	(0.50 + 0.50)/2	0.15	-0.08	
	Maramma Layout						
	Korumuru Bidi Rd From Main Rd						
	Ch:0.00m to 6.60m	1	6.60	(4.90 + 4.60)/2	0.15	4.70	
	Ch:6.60m to 21.60m	1	15.00	(4.60 + 4.55)/2	0.15	10.29	
	Ch:21.60m to 36.60m	1	15.00	(4.55 + 4.75)/2	0.15	10.46	
	Ch:36.60m to 51.60m	1	15.00	(4.75 + 4.65)/2	0.15	10.58	
	Ch:51.60m to 57.60m	1	6.00	(4.65 + 5.15)/2	0.15	4.41	
	Ch:57.60m to 67.60m	1	10.00	(5.15 + 5.65)/2	0.15	8.10	

CC&C

Ranganath

A.E.E.

For M/s. NANDI CONSTRUCTIONS

Partners

NEWZEN CONSULTANT Consultant Bangalore

Contractor

Asst. Engineer

Ranganath

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:61.20m to 71.80m	1	10.60	(7.25 + 6.55) / 2	0.15	10.97	
	Tata Ramesh House Rd						
	Ch:0.00m to 9.00m	1	9.00	(7.40 + 7.30) / 2	0.15	9.92	
	Drain Gap						
	Ch:0.00m to 19.20m	1	10.20	(6.35 + 7.45) / 2	0.15	10.56	
	Ch:19.20m to 28.20m	1	9.00	(6.20 + 6.95) / 2	0.15	8.88	
	Ch:28.20m to 43.20m	1	15.00	(6.80 + 5.60) / 2	0.15	13.95	
	Ch:43.20m to 58.20m	1	15.00	(5.60 + 4.50) / 2	0.15	11.36	
	Ch:58.20m to 66.20m	1	8.00	(4.50 + 4.00) / 2	0.15	5.10	
	Ch:66.20m to 75.70m	1	9.50	(4.60 + 4.00) / 2	0.15	6.13	
					Present Qty	**325.84**	**Cum**
					Qty Paid In 1st Part Bill	**954.63**	**Cum**
					Total Qty	**1280.47**	**Cum**
					Qty Deduct In 1st Part Bill	**954.63**	**Cum**
					Qty Payable In 2nd Part Bill	**325.84**	**Cum**

Checked

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

A.E.E.

For M/s. NANDI CONSTRUCTIO

Partners

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer,

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)'

Detailed Measurements

Measurement Recorded On: 10-03-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
30	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km						
	Qty-5	1	471.03	1.28		602.91	
	Qty-20 Previous Bill	1	4426.14	1.28		5665.46	
	Qty-20	1	1671.48	1.28		2139.49	
					Present Qty	**8407.86**	**Cum**
					Qty Paid In 1st Part Bill	**6803.65**	**Cum**
					Total Qty	**15211.51**	**Cum**
					Qty Deduct In 1st Part Bill	**6803.65**	**Cum**
					Qty Payable In 2nd Part Bill	**8407.86**	**Cum**

A.E.E.

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 2-03-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
E1	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work. (PWD SR 2021-22 Vol I Pg no 7 Item No 1.8)						
	Ward No-02						
	Maramma Layout						
	Left Side	1	30.00	(10.00 + 10.00)/2	1.20	360.00	
		1	5.00	(10.00 + 10.00)/2	1.20	60.00	
	Right Side	1	30.00	(12.00 + 12.00)/2	1.20	432.00	
		1	21.00	(12.00 + 12.00)/2	1.20	302.40	
	Amdekar Bidi Rd	1	30.00	(4.00 + 4.00)/2	0.90	108.00	
		1	30.00	(4.00 + 4.00)/2	0.90	108.00	
					Present Qty	**1370.40**	**Cum**
					Qty Paid In 1st Part Bill	**0.00**	**Cum**
					Total Qty	**1370.40**	**Cum**
					Qty Deduct In 1st Part Bill	**0.00**	**Cum**
					Qty Payable In 2nd Part Bill	**1370.40**	**Cum**

C&R Engineer

A.E.E.

Asst. Executive E
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTIONS

Partners

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

MEASUREMENT SHEETS

"SECOND AND PART BILL"

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
5	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50								
	Vide Premeasurement page no.					5175.68			
					Present Qty	**5175.68**	**Cum**	**340.27**	**1761130.00**
						471.03			160277.00
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates								
	Vide Premeasurement page no.					801.77			
					Present Qty	**801.77**	**Cum**	**6438.34**	**5162080.00**
						349.93			2252966.00
9	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.								
	Vide Premeasurement page no.					7.08			
					Present Qty	**7.08**	**Tn**	**115658.37**	**818540.00**
12	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of								
	Vide Premeasurement page no.					124.74			
					Present Qty	**124.74**	**cum**	**7002.48**	**873472.00**
20	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other								
	Vide Premeasurement page no.					1671.48			
					Present Qty	**1671.48**	**Cum**	**72.76**	**121617.00**
21	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (v) For Grading -V Material								
	Vide Premeasurement page no.					563.77			
					Present Qty	**563.77**	**Cum**	**2627.05**	**1481062.00**
22	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.								
	Vide Premeasurement page no.					317.25			
					Present Qty	**317.25**	**Cum**	**2679.66**	**850121.00**

For M/s. N...

NEWZEN CONSULTANT ★ Consultant ★ Bangalore

Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
23	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. Volume-3								
	Vide Premeasurement page no.					1586.25			
					Present Qty	**1586.25**	**Sqm**	**49.25**	**78123.00**
24	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects								
	Vide Premeasurement page no.					137.34			
					Present Qty	**137.34**	**Cum**	**11068.97**	**1520206.00**
25	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom Volume-3								
	Vide Premeasurement page no.					8514.39			
					Present Qty	**8514.39**	**Cum**	**13.43**	**114349.00**
28	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates								
	Vide Premeasurement page no.					325.84			
					Present Qty	**325.84**	**Cum**	**5569.74**	**1814824.00**
30	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t km								
	Vide Premeasurement page no.					8407.86			
					Present Qty	**8407.86**	**T.km**	**107.45**	**903425.00**
E1	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces								
	Vide Premeasurement page no.					1370.40			
					Present Qty	**1370.40**	**Cum**	**449.81**	**616414.00**

For M/s. NANDI CONSTRUCTIO

Partners

Contractor

NEWZEN CONSU... Consultant Bangalo...

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 5-04-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
7	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete(Excluding GST and Area leading charges)								
	2nd Part Bill								
	Govt School Ananthapura								
	Gate Entrance LHS	1	7.80			7.80			
	Gate Entrance RHS	1	14.20			14.20			
	Back Side	1	13.80			13.80			
	Left Side	1	10.50			10.50			
	Right Side	1	3.40			3.40			
	Near Benches	1	4.50			4.50			
		1	8.70			8.70			
	Tank Surrounding	2	2.80			5.60			
		2	2.30			4.60			
	Tiles Platform								
	Left Side	1	8.10			8.10			
	Front Side	1	15.60			15.60			
	Back Side	1	8.40			8.40			
	A sector								
	7th A Main Rd								
	RHS From Ro Plant								
	Ch:0.00m to 25.00m	1	25.00			25.00			
	Continue								
	Ch:0.00m to 55.00m	1	30.00			30.00			
	Ch:55.00m to 85.00m	1	30.00			30.00			
	Ch:85.00m to 115.00m	1	30.00			30.00			
	Ch:115.00m to 145.00m	1	30.00			30.00			
	Ch:145.00m to 175.00m	1	30.00			30.00			
	Ch:175.00m to 205.00m	1	30.00			30.00			
	Ch:205.00m to 235.00m	1	30.00			30.00			
	Ch:235.00m to 265.00m	1	30.00			30.00			
	Ch:265.00m to 295.00m	1	30.00			30.00			
	Ch:295.00m to 317.00m	1	22.00			22.00			
	Ward No-02								
	Apartment left Side 2nd Cross Rd								
	Front Side	1	3.30			3.30			

For M/s. NANDI CONSTRUCTIONS

Partners

Contractor

NEWZEN CONSULTANTS

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	Near Transformer	1	9.10			9.10			
	Apartment Near 6th Main Rd	2	2.10			4.20			
		2	2.60			5.20			
						444.00			
	Present Qty					**987.00**	**Nos**		
	Qty Paid In 1st Part Bill					**6980.00**	**Nos**		
	Total Qty					**7967.00**	**Nos**		
	Qty Deduct In 1st Part Bill					**6980.00**	**Nos**		
	Qty Payable In 2nd Part Bill					**987.00**	**Nos**	**515.91**	**509204.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTIONS

Partners

NEMZEN CONSULTANT * Bangalore *

Contractor Consultant Asst. Engineer Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division

Detailed Measurements

Measurement Recorded On: 6-04-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
8	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
	2nd Part Bill								
	Govt School Ananthapura								
	Gate Entrance LHS	1	7.80		0.40	3.12			
	Gate Entrance RHS	1	14.20		0.40	5.68			
	Back Side	1	13.80		0.40	5.52			
	Left Side	1	10.50		0.40	4.20			
	Right Side	1	3.40		0.40	1.36			
	Near Benches	1	4.50		0.40	1.80			
		1	8.70		0.40	3.48			
	Tank Surrounding	2	2.80		0.40	2.24			
		2	2.30		0.40	1.84			
	Tiles Platform								
	Left Side	1	8.10		0.40	3.24			
	Front Side	1	15.60		0.40	6.24			
	Back Side	1	8.40		0.40	3.36			
	A sector								
	7th A Main Rd								
	RHS From Ro Plant								
	Ch:0.00m to 25.00m	1	25.00		0.40	10.00			
	Continue								
	Ch:0.00m to 55.00m	1	30.00		0.40	12.00			
	Ch:55.00m to 85.00m	1	30.00		0.40	12.00			
	Ch:85.00m to 115.00m	1	30.00		0.40	12.00			
	Ch:115.00m to 145.00m	1	30.00		0.40	12.00			
	Ch:145.00m to 175.00m	1	30.00		0.40	12.00			
	Ch:175.00m to 205.00m	1	30.00		0.40	12.00			
	Ch:205.00m to 235.00m	1	30.00		0.40	12.00			
	Ch:235.00m to 265.00m	1	30.00		0.40	12.00			
	Ch:265.00m to 295.00m	1	30.00		0.40	12.00			
	Ch:295.00m to 317.00m	1	22.00		0.40	8.80			
	Ward No-02								
	For Kerb Stone								
	5th Phase								
	Cargil Factory Rd								
	RHS From Main Rd								
	CH:0.00m to 15.20m	1	15.20		0.40	6.08			
	CH:15.20m to 45.20m	1	30.00		0.40	12.00			
	CH:45.20m to 48.80m	1	3.60		0.40	1.44			

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

FOR M/S NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT * Bangalore *
Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division

Detailed Measurements

Measurement Recorded On: 6-04-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
8	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
	2nd Part Bill								
	Govt School Ananthapura								
	Gate Entrance LHS	1	7.80		0.40	3.12			
	Gate Entrance RHS	1	14.20		0.40	5.68			
	Back Side	1	13.80		0.40	5.52			
	Left Side	1	10.50		0.40	4.20			
	Right Side	1	3.40		0.40	1.36			
	Near Benches	1	4.50		0.40	1.80			
		1	8.70		0.40	3.48			
	Tank Surrounding	2	2.80		0.40	2.24			
		2	2.30		0.40	1.84			
	Tiles Platform								
	Left Side	1	8.10		0.40	3.24			
	Front Side	1	15.60		0.40	6.24			
	Back Side	1	8.40		0.40	3.36			
	A sector								
	7th A Main Rd								
	RHS From Ro Plant								
	Ch:0.00m to 25.00m	1	25.00		0.40	10.00			
	Continue								
	Ch:0.00m to 55.00m	1	30.00		0.40	12.00			
	Ch:55.00m to 85.00m	1	30.00		0.40	12.00			
	Ch:85.00m to 115.00m	1	30.00		0.40	12.00			
	Ch:115.00m to 145.00m	1	30.00		0.40	12.00			
	Ch:145.00m to 175.00m	1	30.00		0.40	12.00			
	Ch:175.00m to 205.00m	1	30.00		0.40	12.00			
	Ch:205.00m to 235.00m	1	30.00		0.40	12.00			
	Ch:235.00m to 265.00m	1	30.00		0.40	12.00			
	Ch:265.00m to 295.00m	1	30.00		0.40	12.00			
	Ch:295.00m to 317.00m	1	22.00		0.40	8.80			
	Ward No-02								
	For Kerb Stone								
	5th Phase								
	Cargil Factory Rd								
	RHS From Main Rd								
	CH:0.00m to 15.20m	1	15.20		0.40	6.08			
	CH:15.20m to 45.20m	1	30.00		0.40	12.00			
	CH:45.20m to 48.80m	1	3.60		0.40	1.44			

Checked
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

for M/s NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	CH:36.30m to 38.70m	1	2.40						
	CH:38.70m to 45.00m	1	6.30		0.40	2.52			
	CH:45.00m to 46.20m	1	1.20		0.40	0.48			
	CH:46.20m to 51.20m	1	5.00		0.40	2.00			
	CH:51.20m to 62.20m Rd Gap	1	11.00						
	CH:62.20m to 67.20m	1	5.00		0.40	2.00			
	CH:67.20m to 73.90m	1	6.70						
	CH:73.90m to 88.90m	1	15.00		0.40	6.00			
	CH:88.90m to 103.90m	1	15.00		0.40	6.00			
	5th Phase								
	Apartment left Side 2nd Cross Rd								
	Front Side	1	3.30		0.40	1.32			
	Near Transformer	1	9.10		0.40	3.64			
	Apartment Near 6th Main Rd	2	2.10		0.40	1.68			
		2	2.60		0.40	2.08			
					Present Qty	**982.34**	**Sqm**		
					Qty Paid In 1st Part Bill	**0.00**	**Sqm**		
					Total Qty	**982.34**	**Sqm**		
					Qty Deduct In 1st Part Bill	**0.00**	**Sqm**		
					Qty Payable In 2nd Part Bill	**982.34**	**Sqm**	**95.14**	**93460.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka. Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of

Detailed Measurements

Measurement Recorded On: 4-04-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
13	Providing and fixing 100 mm thick Pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers complete as per specifications.(Data Rate Aproved)								
	2nd Part Bill								
	A sector								
	7th A Main Rd								
	RHS From Ro Plant								
	Ch:0.00m to 25.00m	1	25.00	0.90		22.50			
	Continue								
	Ch:0.00m to 55.00m	1	30.00	0.90		27.00			
	Ch:55.00m to 85.00m	1	30.00	0.90		27.00			
	Ch:85.00m to 115.00m	1	30.00	0.90		27.00			
	Ch:115.00m to 145.00m	1	30.00	0.90		27.00			
	Ch:145.00m to 175.00m	1	30.00	0.90		27.00			
	Ch:175.00m to 205.00m	1	30.00	0.90		27.00			
	Ch:205.00m to 235.00m	1	30.00	0.90		27.00			
	Ch:235.00m to 265.00m	1	30.00	0.90		27.00			
	Ch:265.00m to 295.00m	1	30.00	0.90		27.00			
	Ch:295.00m to 317.00m	1	22.00	0.90		19.80			
	Ward No-02								
	Tata Ramesh House Rd								
	RHS								
	Ch:0.00m to 7.10m	1	7.10	0.90		6.39			
	Continue								
	Ch:7.10m to 32.10m	1	25.00	0.90		22.50			
	Ch:32.10m to 37.20m Gap	1	5.10						
	Ch:32.10m to 62 70m	1	25.50	0.90		22.95			
						Present Qty	**337.14**	**Sqm**		
						Released Reserved Qty	**190.42**	**Sqm**		
						Total Qty	**527.56**	**Sqm**		
						Qty Paid In 1st Part Bill	**3555.53**	**Sqm**		
						Total Qty	**4083.09**	**Sqm**		
						Qty Deduct In 1st Part Bill	**3555.53**	**Sqm**		
						Qty Payable In 2nd Part Bill	**527.56**	**Sqm**	**2108.39**	**1112303.00**

Recommended
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANTS Bangalore

Consultant

Asst. Engineer

Recommended
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

(BBMP Ynk. Zn)
Yelahanka, Ba

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 3-04-2023

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit	Rate	Amount
18	Providing and laying heavy duty cobble stones 75mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications. Volume-2										
	2nd Part Bill										
	Ward No-02										
	For Pathway										
	5th Phase										
	Sampige Apartment										
	Left Side										
	CH:0.00m to 12.30m	1	12.30	7.40	7.50	7.45		91.64			
	Back Side										
	CH:0.00m to 12.30m	1	7.30	2.20	2.20	2.20		16.06			
	Apartment left Side 2nd Cross Rd										
	Front Side	1	15.80	3.50	4.00	3.75		59.25			
	Back Side	1	2.10	1.20	1.20	1.20		2.52			
	Left Side	1	1.90	2.20	2.20	2.20		4.18			
	Left Side	1	5.10	1.70	1.45	1.58		8.03			
	Left Side Trapezoidal Formula A=13.8 B=9.1 H=10.8,1.5	1	[13.8+9.1]/2*8					91.60			
	Deduct Transformer	-1	1.30	0.60	0.60	0.60		-0.78			
	Apartment										
	Near 6th Main Rd										
	Part-A	1	22.20	6.45	7.00	6.73		149.30			
	Part-B	1	9.30	1.75	7.00	4.38		40.69			
	Part-C	1	3.25	1.50	1.85	1.68		5.44			
	Part-D	1	13.20	4.50	4.90	4.70		62.04			
	Part-E	1	4.80	6.75	7.00	6.88		33.00			
	Part-F	1	1.40	0.85	0.85	0.85		1.19			
	Part-G	1	4.50	5.00	5.00	5.00		22.50			
	Deduction Tree Guards	-1	2.60	2.10	2.10	2.10		-5.46			
	Deduction Transformer	-1	1.30	0.60	0.60	0.60		-0.78			

C&FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

CONSULTANT ENGINEER

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

(BBMP Ynk. Zn)

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit	Rate	Amount
	Deduction Chamber	-1	0.50	0.65	0.65	0.65		-0.33			
	Deduction Transformer	-1	9.05	3.20	3.20	3.20		-28.96			
	Deduction Chamber	-1	0.30	0.70	0.70	0.70		-0.21			
	Deduction Transformer	-1	1.30	0.70	0.70	0.70		-0.91			
	Balaji Layout										
	Main Road										
	LHS										
	CH:0.00m to 7.00m	1	7.00	1.30	1.30	1.30		9.10			
	CH:0.00m to 22.40m Gap	1	15.40								
	CH:22 40m to 34.30m	1	11.90	1.80	1.80	1.80		21.42			
	CH:34.30m to 57.30m	1	23.00	2.00	2.00	2.00		46.00			
	CH:57.30m to 61.30m	1	4.00	2.00	2.00	2.00		8.00			
	CH:61.30m to 91.30m	1	30.00	2.00	2.00	2.00		60.00			
	CH:91.30m to 106.80m	1	15.50	2.00	2.00	2.00		31.00			
	CH:106.80m to 111.50m	1	4.70	2.00	2.00	2.00		9.40			
	CH:111.50m to 141.50m	1	30.00	2.00	2.00	2.00		60.00			
	CH:141.50m to 160.10m	1	18.60	2.00	2.00	2.00		37.20			
	160.10m to 190.10m Gap	1	30.00								
	CH:0.00m to 192.30m Gap	1	2.20								
	CH:192.30m to 222.30m	1	30.00	2.30	2.30	2.30		69.00			
	CH:222.30m to 242.30m	1	20.00	2.30	2.30	2.30		46.00			
	CH:242.30m to 254.90m	1	12.60	2.30	2.30	2.30		28.98			
	CH:254.90m to 264.90m	1	10.00	2.30	2.60	2.45		24.50			
	Deduct Tree Guards										
		-10	1.00	1.00				-10.00			
	For Shoulder Drain										
		-10	2.40	0.60				-14.40			
	Ward No-03										
	Govt School Ananthapura										
	Gate Entrance	1	7.55	4.35	1.30	2.83		21.33			
	Part-A	1	10.00	7.40	6.85	7.13		71.25			
		1	11.95	6.85	5.80	6.33		75.58			
	Part-B	1	24.80	5.40	5.40	5.40		133.92			
	Part-C	1	10.00	5.70	5.10	5.40		54.00			
		1	13.50	5.10	5.30	5.20		70.20			
	D Trapezoidal Formula A=26.40 B=28.10 H=11.60,19.40m	1	[26.40+28.10]/2*15.50					422.38			
	Deduct Tank	-1	2.30	2.80	2.80	2.80		-6.44			
	Deduct Tree Guards	-1	0.80	0.60	0.60	0.60		-0.48			
	Deduct Benches Platform	-1	2.60	2.00	2.00	2.00		-11.20			

C & FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Partner

Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit	Rate	Amount
	Deduct Platform	-1	8.10	8.40	8.40	8.40		-68.04			
	Part-E	1	5.90	1.20	1.20	1.20		7.08			
							Present Qty	**1745.79**	**Sqm**		
							Qty Paid In 1st Part Bill	**0.00**	**Sqm**		
							Total Qty	**1745.79**	**Sqm**		
							Qty Deduct In 1st Part Bill	**0.00**	**Sqm**		
							Qty Payable In 2nd Part Bill	**1745.79**	**Sqm**	**1281.62**	**2237435.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

(BBMP Ynk. Zn)
Yelahanka, Ba...

Name of work: Improvements to roads, drains and other developmental works at enahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector ing areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (-02)

Detailed Measurements

Measurement Recorded On: 6-04-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
26	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects Volume-3								
	2nd Part Bill								
	5th Phase Rd								
	2nd Cross Rd From Shiva Mandhir Rd'								
	Ch:0.00m to 30.00m	1	30.00	(8.20 + 8.30)/2		0.04	9.90		
	Ch:30.00m to 60.00m	1	30.00	(8.30 + 8.40)/2		0.04	10.02		
	Ch:60.00m to 68.65m	1	8.65	(8.40 + 8.45)/2		0.04	2.92		
	Deduct Tree Guards	-1	1.70	(1.10 + 1.10)/2		0.04	-0.07		
	Deduct Tree Guards	-1	1.40	(1.50 + 1.50)/2		0.04	-0.08		
	Road Gap[Cargil Factory]								
	2nd Cross Continue								
	Ch:0.00m to 30.00m	1	30.00	(9.65 + 8.85)/2		0.04	11.10		
	Ch:30.00m to 60.00m	1	30.00	(8.85 + 8.85)/2		0.04	10.62		
	Ch:60.00m to 71.80m	1	11.80	(8.85 + 9.15)/2		0.04	4.25		
	Ch:71.80m to 77.60m	1	5.80	(8.50 + 8.50)/2		0.04	1.97		
	Ch:77.60m to 101.80m	1	24.20	(8.05 + 8.30)/2		0.04	7.91		
	Ch:77.60m to 116.20m	1	14.40	(9.25 + 10.10)/2		0.04	5.57		
	Ch:116.20m to 122.20m	1	6.00	(8.70 + 7.40)/2		0.04	1.93		
	Ch:122.20m to 142.20m	1	20.00	(6.70 + 7.90)/2		0.04	5.84		

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANT Bangalore

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

(BBMP Ynk. Zn)
Yelahanka, Ba

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:142.20m to 162.20m	1	20.00	(7.90 + 6.80)/2	0.04	5.88			
	Ch:162.20m to 173.00m	1	10.80	(6.80 + 6.20)/2	0.04	2.81			
	Deduct Tree Guards	-1	3.70	(1.10 + 1.10)/2	0.04	-0.16			
	Approaches	1	7.00	(0.70 + 0.70)/2	0.04	0.20			
	Tree Approaches	1	7.80	(0.80 + 0.80)/2	0.04	0.25			
	6th Main Rd From 2nd Cross Rd								
	Ch:0.00m to 30.00m	1	30.00	(9.65 + 8.85)/2	0.04	11.10			
	Ch:30.00m to 60.00m	1	30.00	(8.85 + 8.85)/2	0.04	10.62			
	Ch:60.00m to 90.00m	1	30.00	(8.85 + 9.15)/2	0.04	10.80			
	Ch:90.00m to 120.00m	1	30.00	(8.50 + 8.50)/2	0.04	10.20			
	Ch:120.00m to 150.00m	1	30.00	(8.05 + 8.30)/2	0.04	9.81			
	Ch:150.00m to 173.50m	1	23.50	(9.25 + 10.10)/2	0.04	9.09			
	Ch:173.50m to 188.70m	1	15.20	(8.70 + 7.40)/2	0.04	4.89			
	Deduct Tree Guards	-8	0.20	(0.20 + 0.20)/2	0.04	-0.01			
	Deduct Tree Guards	-1	1.70	(1.70 + 1.70)/2	0.04	-0.12			
	Chambers	-2	0.60	(0.60 + 0.60)/2	0.04	-0.03			
	Deduct Tree Guards	-1	2.60	(0.60 + 1.40)/2	0.04	-0.10			
	Deduct Tree Guards	-1	2.30	(1.30 + 1.30)/2	0.04	-0.11			
	Deduct Tree Guards	-1	3.40	(1.60 + 1.60)/2	0.04	-0.22			
	Deduct Tree Guards	-1	3.40	(1.55 + 1.50)/2	0.04	-0.21			
	Deduct Tree Guards	-2	1.10	(0.55 + 0.55)/2	0.04	-0.05			
	4th Cross Rd From Cargil Factory Rd								
	Ch:0.00m to 5.90m	1	5.90	(8.65 + 6.35)/2	0.04	1.77			

For M/s. NANDI CONSTRUCTION

Partner

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engi

Yelahanka, Ba

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:5.90m to 35.90m	1	30.00	(6.20 + 5.95)/2	0.04	7.29			
	Ch:35.90m to 65.90m	1	30.00	(5.95 + 5.90)/2	0.04	7.11			
	Ch:65.90m to 95.90m	1	30.00	(5.90 + 6.55)/2	0.04	7.47			
	Ch:95.90m to 125.90m	1	30.00	(6.55 + 6.25)/2	0.04	7.68			
	Ch:125.90m to 155.90m	1	30.00	(6.25 + 6.10)/2	0.04	7.41			
	Ch:155.90m to 157.20m	1	1.30	(6.10 + 6.10)/2	0.04	0.32			
	Deduct Ramp Sampige Apart gate	-1	7.30	(0.60 + 0.60)/2	0.04	-0.18			
	Deduct Transformer	-1	7.60	(1.10 + 1.10)/2	0.04	-0.33			
	Deduct Tree Ramp	-1	2.60	(0.70 + 0.70)/2	0.04	-0.07			
	Present Qty					**184.98**	**Cum**		
	Released Reserved Qty					**155.60**	**Cum**		
	Total Qty					**340.58**	**Cum**		
	Qty Paid In 1st Part Bill					**345.56**	**Cum**		
	Total Qty					**686.14**	**Cum**		
	Qty Deduct In 1st Part Bill					**345.56**	**Cum**		
	Qty Payable In 2nd Part Bill					**340.58**	**Cum**		
	Upto 125 %					**86.39**	**Cum**	**12906.90**	**1115036.00**
	Above 125 %					**254.19**	**Cum**	**12906.90**	**3280742.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEWZEN CONSULTANTS Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of

Detailed Measurements

Measurement Recorded On: 5-04-2023

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
27	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from								
	2nd Part Bill								
	5th Phase								
	Puttenahalli Rd								
	Ch:0.00m to 12.80m	2.5	12.80	0.15		4.80			
	Ch:12.80m to 42.80m	2.5	30.00	0.15		11.25			
	Ch:42.80m to 72.80m	2.5	30.00	0.15		11.25			
	Ch:72.80m to 102.80m	2.5	30.00	0.15		11.25			
	Ch:102.80m to 132.80m	2.5	30.00	0.15		11.25			
	Ch:132.80m to 162.80m	2.5	30.00	0.15		11.25			
	Ch:162.80m to 192.80m	2.5	30.00	0.15		11.25			
	Ch:192.80m to 222.80m	2.5	30.00	0.15		11.25			
	Ch:222.80m to 252.80m	2.5	30.00	0.15		11.25			
	Ch:252.80m to 282.80m	2.5	30.00	0.15		11.25			
	Ch:282.80m to 312.80m	2.5	30.00	0.15		11.25			
	Ch:312.80m to 326.80m	2.5	14.00	0.15		5.25			
	Continue								
	Ch:326.80m to 356.80m	2	30.00	0.15		9.00			
	Ch:356.80m to 359.90m	2	3.10	0.15		0.93			
	Ch:359.90m to 389.90m	2	30.00	0.15		9.00			
	Ch:389.90m to 419.90m	2	30.00	0.15		9.00			
	Ch:419.90m to 449.90m	2	30.00	0.15		9.00			
	Ch:449.90m to 456.90m	2	7.00	0.15		2.10			
	Cragil Factory Rd								
	Ch:0.00m to 10.00m	2.5	10.00	0.15		3.75			
	Ch:10.00m to 40.00m	2.5	30.00	0.15		11.25			
	Ch:40.00m to 70.00m	2.5	30.00	0.15		11.25			
	Ch:70.00m to 100.00m	2.5	30.00	0.15		11.25			
	Ch:100.00m to 130.00m	2.5	30.00	0.15		11.25			
	Ch:130.00m to 160.00m	2.5	30.00	0.15		11.25			
	Ch:160.00m to 190.00m	2.5	30.00	0.15		11.25			
	Ch:190.00m to 220.00m	2.5	30.00	0.15		11.25			
	Ch:220.00m to 250.00m	2.5	30.00	0.15		11.25			
	Ch:250.00m to 280.00m	2.5	30.00	0.15		11.25			
	Ch:280.00m to 310.00m	2.5	30.00	0.15		11.25			
	Ch:310.00m to 340.00m	2.5	30.00	0.15		11.25			

For M/s NAMO CONSTRUCTION

Partners

Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	Ch:0.00m to 30.00m	2	30.00	0.15		9.00			
	Ch:30.00m to 60.00m	2	30.00	0.15		9.00			
	Ch:60.00m to 68.65m	2	8.65	0.15		2.60			
	Road Gap[Cargil Factory]								
	2nd Cross Continue								
	Ch:0.00m to 30.00m	2	30.00	0.15		9.00			
	Ch:30.00m to 60.00m	2	30.00	0.15		9.00			
	Ch:60.00m to 71.80m	2	11.80	0.15		3.54			
	Ch:71.80m to 77.60m	2	5.80	0.15		1.74			
	Ch:77.60m to 101.80m	2	24.20	0.15		7.26			
	Ch:77.60m to 116.20m	2	14.40	0.15		4.32			
	Ch:116.20m to 122.20m	2	6.00	0.15		1.80			
	Ch:122.20m to 142.20m	2	20.00	0.15		6.00			
	Ch:142.20m to 162.20m	2	20.00	0.15		6.00			
	Ch:162.20m to 173.00m	2	10.80	0.15		3.24			
	6th Main Rd From 2nd Cross Rd						C & R		
	Ch:0.00m to 30.00m	2	30.00	0.15		9.00			
	Ch:30.00m to 60.00m	2	30.00	0.15		9.00			
	Ch:60.00m to 90.00m	2	30.00	0.15		9.00			
	Ch:90.00m to 120.00m	2	30.00	0.15		9.00			
	Ch:120.00m to 150.00m	2	30.00	0.15		9.00			
	Ch:150.00m to 173.50m	2	23.50	0.15		7.05			
	Ch:173.50m to 188.70m	2	15.20	0.15		4.56			
	4th Cross Rd From Cargil Factory Rd								
	Ch:0.00m to 5.90m	2	5.90	0.15		1.77			
	Ch:5.90m to 35.90m	2	30.00	0.15		9.00			
	Ch:35.90m to 65.90m	2	30.00	0.15		9.00			
	Ch:65.90m to 95.90m	2	30.00	0.15		9.00			
	Ch:95.90m to 125.90m	2	30.00	0.15		9.00			
	Ch:125.90m to 155.90m	2	30.00	0.15		9.00			
	Ch:155.90m to 157.20m	2	1.30	0.15		0.39			
						701.86	**Sqm**		
	Qty Paid In 1st Part Bill					**35.32**	**Sqm**		
	Total Qty					**737.18**	**Sqm**		
	Qty Deduct In 1st Part Bill					**35.32**	**Sqm**		
	Qty Payable In 2nd Part Bill					**701.86**	**Sqm**		
	Upto 125 %					**279.36**	**Sqm**	**535.04**	**149467.00**
	Above 125 %					**422.50**	**Sqm**	**535.04**	**226056.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

NEMO CONSULTANT Bangalore

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

(BBMP Ynk. Zn)
Yelahanka, Ba

Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04 of yelahanka Division under Amruth Nagarothan Grants. (PACKAGE No-02)

Detailed Measurements

Measurement Recorded On: 4-04-2023

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
29	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14 days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete as per the directions of the Engineer-in-charge of the work.								
	2nd Part Bill								
	Vinayaka Layout								
	# Matru Layout House Opp Rd								
	Ch:0.00m to 25.90m	1	25.90	(6.90 + 7.00)/2	0.15	27.00			
	Cross Rd-1								
	Ch:0.00m to 30.00m	1	30.00	(7.00 + 6.30)/2	0.15	29.93			
	Ch:0.00m to 31.60m	1	1.60	(6.30 + 5.90)/2	0.15	1.46			
	Kondappa Layout								
	Jnabharathi School Side								
	1st Cross rd From Main Rd								
	Ch:0.00m to 15.00m	1	15.00	(4.20 + 3.60)/2	0.15	8.78			
	Ch:15.00m to 30.00m	1	15.00	(3.60 + 3.50)/2	0.15	7.99			
	Ch:30.00m to 45.30m	1	15.30	(3.50 + 3.30)/2	0.15	7.80			
	Deduct	1	2.20	(1.00 + 1.00)/2	0.15	0.33			
	2nd Cross Rd From Main Rd								
	Ch:0.00m to 15.00m	1	15.00	(4.00 + 3.85)/2	0.15	8.83			
	Ch:15.00m to 30.00m	1	15.00	(3.85 + 3.90)/2	0.15	8.72			
	Ch:30.00m to 45.80m	1	15.80	(3.90 + 4.00)/2	0.15	9.36			

C & FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

For M/s ... Consultant

Asst. Engineer

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Yelahanka, Ba...

	Korumuru Bidi Rd From Main Rd								
	Ch:0.00m to 6.60m	1	6.60	(4.90 + 4.60)/2	0.15	4.70			
	Ch:6.60m to 21.60m	1	15.00	(4.60 + 4.55)/2	0.15	10.29			
	Ch:21.60m to 36.60m	1	15.00	(4.55 + 4.75)/2	0.15	10.46			
	Ch:36.60m to 51.60m	1	15.00	(4.75 + 4.65)/2	0.15	10.58			
	Ch:51.60m to 57.60m	1	6.00	(4.65 + 5.15)/2	0.15	4.41			
	Ch:57.60m to 67.60m	1	10.00	(5.15 + 5.65)/2	0.15	8.10			
	Ch:67.60m to 73.60m	1	6.00	(5.65 + 4.60)/2	0.15	4.61			
	Ch:73.60m to 78.60m	1	5.00	(4.60 + 4.15)/2	0.15	3.28			
	Ch:78.60m to 93.60m	1	15.00	(4.15 + 5.10)/2	0.15	10.41			
	Ch:93.60m to 95.40m	1	1.80	(5.10 + 5.20)/2	0.15	1.39			
	Ch:95.40m to 100.90m	1	5.50	(4.90 + 5.15)/2	0.15	4.15			
	Ch:100.90m to 115.30m	1	14.40	(4.95 + 4.55)/2	0.15	10.26			
	Temple	1	7.50	(1.43 + 1.25)/2	0.15	1.51			
	Amdekar Bidi Rd From Main Rd								
	Ch:0.00m to 15.00m	1	15.00	(3.75 + 3.70)/2	0.15	8.38			
	Ch:15.00m to 30.00m	1	15.00	(3.70 + 3.30)/2	0.15	7.88			
	Ch:30.00m to 45.00m	1	15.00	(3.30 + 3.40)/2	0.15	7.54			
	Ch:45.00m to 60.00m	1	15.00	(3.40 + 3.65)/2	0.15	7.93			
	Ch:60.00m to 67.80m	1	7.80	(3.65 + 3.45)/2	0.15	4.15			
	Ch: 67.80m to 82.80m	1	15.00	(3.35 + 3.55)/2	0.15	7.76			
	Ch:82.80m to 97.80m	1	15.00	(3.55 + 3.45)/2	0.15	7.88			
	Ch:97.80m to 114.50m	1	16.70	(3.45 + 3.55)/2	0.15	8.77			
	26th Cross Rd From Dead End								
	Ch:0.00m to 15.00m	1	15.00	(5.20 + 4.20)/2	0.15	10.58			
	Ch:15.00m to 30.00m	1	15.00	(4.20 + 5.60)/2	0.15	11.03			
	Ch:30.00m to 31.20m	1	1.20	(5.60 + 5.60)/2	0.15	1.01			
	Culvert Gap								

For M/s. NAND...

Contractor

Consultant

Asst. Engineer

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Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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	Ch:31.20m to 46.20m	1	15.00	6.05 + 6.70 / 2	0.15	14.34				
	Ch:46.20m to 61.20m	1	15.00	6.70 + 7.25 / 2	0.15	15.69				
	Ch:61.20m to 71.80m	1	10.60	7.25 + 6.55 / 2	0.15	10.97				
	Tata Ramesh House Rd									
	Ch:0.00m to 9.00m	1	9.00	7.40 + 7.30 / 2	0.15	9.92				
	Drain Gap									
	Ch:0.00m to 19.20m	1	10.20	6.35 + 7.45 / 2	0.15	10.56				
	Ch:19.20m to 28.20m	1	9.00	6.20 + 6.95 / 2	0.15	8.88				
	Ch:28.20m to 43.20m	1	15.00	6.80 + 5.60 / 2	0.15	13.95				
	Ch:43.20m to 58.20m	1	15.00	5.60 + 4.50 / 2	0.15	11.36				
	Ch:58.20m to 66.20m	1	8.00	4.50 + 4.00 / 2	0.15	5.10				
	Ch:66.20m to 75.70m	1	9.50	4.60 + 4.00 / 2	0.15	6.13				
					Present Qty	**653.84**	**Cum**			
					Qty Paid In 1st Part Bill	**627.80**	**Cum**			
					Total Qty	**1281.64**	**Cum**			
					Qty Deduct In 1st Part Bill	**627.80**	**Cum**			
					Qty Payable In 2nd Part Bill	**653.84**	**Cum**	**7652.80**	**5003732.00**	

C & R Ranganagowda
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Ranganagowda
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

For M/s. NANDI CONSTRUCTION

Partners

Contractor

Consultant

Asst. Engineer

Asst. Exec. Engineer

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Name of work: Improvements to roads, drains and other developmental works at 5th phase, puttenahalli, ISAAC layout kondappa layout, kamakshamma layout, hanumappa layout, A sector and surrounding areas in ward No 02 & 04

Detailed Measurements

Measurement Recorded On: 6-04-2023

Item No	Discription of Item	No	Length	B1	B2	Avg Breadth	Depth	Qty	Unit	Rate	Amount
E2	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing completeas										
	Govt School Ananthapura										
	Tiles Platform										
	Trapezoidal Formula A=8.1B=8.40 H=15.60m	1	0.5[8.1+8.4]*15.60					66.00			
								Present Qty	**66.00**	**Sqm**	**1274.45**	**84114.00**
								Qty Paid In 1st Part Bill	**0.00**	**Sqm**		
								Total Qty	**66.00**	**Sqm**		
								Qty Deduct In 1st Part Bill	**0.00**	**Sqm**		
								Qty Payable In 2nd Part Bill	**66.00**	**Sqm**	**1158.59**	**76467.00**
											Sub Total	**25416944.00**
											GST 18%	**4575049.92**
											Grand Total	**29991993.92**

Asst. Executive Engineer
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For M/s. NANDI CONSTRUCTIONS

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Consultant

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